

10/815,047

01AN170-A

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph at page 1, lines 5-8 with the following amended paragraph:

This application is a Continuation of pending U.S. Patent application Serial No. 10/035,942 entitled "ROTARY AND/OR LINEAR ACTUATOR SYSTEM FOR CONTROLLING OPERATION OF AN ASSOCIATED TOOL" and filed on December 26, 2001, the entirety of which is incorporated herein by reference. [[,]]

Please replace the paragraph at page 4, lines 7-18 with the following amended paragraph:

Figs. 1 and 2 illustrate a high-precision tool system 10 in accordance with an aspect of the present invention. The tool system 10 includes a rotary-linear actuator 12 and a tool assembly 14 operatively associated with the actuator. The actuator 12 includes an inner portion (or plunger) 16 that is moveable relative to a housing 18. The housing 18 has an outer sidewall portion 20 that extends between spaced apart ends 22 and 24. The plunger 16 has a generally cylindrical sidewall portion 26 that extends between spaced apart end portions 28 and 30. The proximal end 28 of the plunger 16 thus can travel between the ends 22 and 24 of the housing 18 according to relative movement between the plunger and housing. In particular, the plunger 16 can move rotationally about and/or linearly along an axis 32 that extends through the ends 28 and 30 thereof. Appropriate bearings (low friction or air bearings) or other guide mechanisms (not shown) facilitate desired relative motion between the plunger 16[[18]] and housing 18[[16]].